

Title (en)  
SPINAL ROD-TO-ROD CONNECTORS

Title (de)  
STABVERBINDER FÜR DIE WIRBELSÄULE

Title (fr)  
CONNECTEURS TIGE À TIGE VERTÉBRALE

Publication  
**EP 4087504 A1 20221116 (EN)**

Application  
**EP 21747282 A 20210128**

Priority  
• US 202062966761 P 20200128  
• US 2021015576 W 20210128

Abstract (en)  
[origin: WO2021155061A1] A polyaxial rod connector comprising a body having an external surface. The connector body is intersected by an imaginary first reference plane and an imaginary second reference plane perpendicular to the first plane. The first body portion is on one side of the first plane and defines a first spinal rod passage defining a first passage axis and a first set screw opening defining a first axis perpendicular to the first passage axis. A second body portion is adjoined to the first body portion, defining a second spinal rod passage defining a plurality of passage axes, and a second set screw opening defining a second axis perpendicular to the plurality of second passage axes. The first passage axis is non-parallel with one of second passage axes in the second plane. Either the first or second spinal rod passage have an hourglass shaped cross-section parallel to the second plane.

IPC 8 full level  
**A61B 17/64** (2006.01); **A61B 17/70** (2006.01)

CPC (source: EP US)  
**A61B 17/7035** (2013.01 - US); **A61B 17/7049** (2013.01 - EP US); **A61B 17/705** (2013.01 - EP); **A61B 17/7032** (2013.01 - US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2021155061 A1 20210805**; AU 2021213175 A1 20220630; BR 112022014570 A2 20220913; CA 3166858 A1 20210805; EP 4087504 A1 20221116; EP 4087504 A4 20240117; JP 2023511387 A 20230317; US 2023129404 A1 20230427

DOCDB simple family (application)  
**US 2021015576 W 20210128**; AU 2021213175 A 20210128; BR 112022014570 A 20210128; CA 3166858 A 20210128; EP 21747282 A 20210128; JP 2022544328 A 20210128; US 202117798691 A 20210128